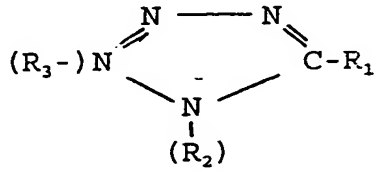
c) combustion moderators which are capable of influencing the combustion and its rate by heterogeneous or homogeneous catalysis[; and optionally also

d) additions which are capable of reducing the proportion of the toxic gases].

2. (Amended) Gas-producing [agent] composition according to claim 1, [characterised in that it] wherein said gas-producing composition contains as [combustibles (nitrogen-containing compounds)] nitrogen-containing compounds, one or more tetrazole derivatives of the formula:



in which R, and R_2 or R_3 can be the same or different, with either R_2 or R_3 being present, and representing [standing for] hydrogen, hydroxy, amino, carboxyl, an alkyl radical with 1 to 7 carbon atoms, an alkenyl radical with 2 to 7 carbon atoms, an alkylamino radical with 1 to 10 carbon atoms, an aryl radical, a substituted aryl radical [optionally] substituted with one or several substituents which can be the same or different and are selected from [the] an amino group, [the] a nitro group, alkyl radicals with 1 to 4 carbon atoms or an arylamino radical in which the aryl radical is substituted, [optionally be substituted, or the] and sodium, potassium and guanidinium salts of [the] said tetrazole derivatives.

3. (Amended) Gas-producing [agent] composition according to claim 2, [characterised in that] wherein R, [preferably stands for] is selected from the group consisting of hydrogen, amino, hydroxy, carboxyl, a methyl, ethyl, propyl, [or] isopropyl, butyl, isobutyl, [or] tert-butyl, n-pentyl, n-hexyl, [or] n-heptyl [radical], [a] methylamino, ethylamino, dimethylamino, n-heptylamino, n-octylamino, [or] n-decylamino [radical], [a] tetrazole [radical], [a] phenylamino [radical], [a] phenyl, nitrophenyl, [or] and aminophenyl [radical]; and R_2 [or] R3 [preferably stands for] is selected from the group consisting of hydrogen, a methyl, [or] ethyl [radical],[a] phenyl, nitrophenyl, [or] and aminophenyl radical.

4. (Amended) Gas-producing [agent] composition according to [claim 1] claim 2, [characterised in that] wherein the nitrogen-containing compounds are selected from the group of the tetrazole derivatives and are [preferably] selected from the group consisting of compounds, 5-aminotetrazole[,]; lithium, sodium, potassium, zinc, magnesium, strontium or calcium 5-aminotetrazolate[,]; 5-aminotetrazole nitrate, sulphate, or perchlorate [and similar compounds,]; 1-(4-aminophenyl)-tetrazole, 1-(4-nitrophenyl)-tetrazole, 1-methyl-5-dimethyl-aminotetrazole, 1-methyl-5-methylamino-tetrazole, 1-methyltetrazole, 1-phenyl-5-aminotetrazole, 1-phenyl-5-hydroxytetrazole, 1-phenyltetrazole, 2-ethyl-5-aminotetrazole, 2-methyl-5-aminotetrazole, 2-methyl-5-carboxyltetrazole, 2-methyl-5-methylaminotetrazole, 2-methyltetrazole, 2-phenyltetrazole, 5-(p-tolyl)tetrazole,

5-diallylaminotetrazole, 5-dimethylaminotetrazole, 5-ethylaminotetrazole, 5-hydroxytetrazole, 5-methyltetrazole, 5-methylaminotetrazole, 5-n-decylaminotetrazole, 5-n-heptylaminotetrazole, 5-n-octylaminotetrazole, 5-phenyltetrazole, 5-phenylaminotetrazole, [or] bis-(aminoganidine)-azotetrazole and diguanidinium-5,5'-azo-tetrazolate, [as well as] 5,5'-bitetrazole [and its salts, such as the] and 5,5'-bi-1H-tetrazoleammonium compounds.

7. (Amended) Gas-producing [agent] composition according to claim 1, [characterised in that it] wherein said gas-producing composition contains as oxidant a combination of zinc peroxide, potassium perchlorate and at least one nitrate[, preferably sodium nitrate or strontium nitrate].

9. (Amended) Gas-producing [agent] composition according to claim 1, [characterised in that] wherein the ratio of the nitrogen-containing compounds to the oxidants [in the mixture] is balanced such that on combustion of the gas-producing [mixture] composition, oxygen is formed in excess.

10. (Amended) Gas-producing [agent] composition according to claim 1, [characterised in that it] wherein said gas-producing composition contains, as combustion moderators, [substances or mixtures thereof] compounds which are capable of influencing [the] combustion and its rate by heterogeneous or homogeneous catalysis, the proportion of these [substances in the mixture] compounds amounting to up to 8%.

11. (Amended) Gas-producing [agent] composition according to claim 1, [characterised in that it] wherein said gas-producing composition contains [as] combustion moderators selected from the group consisting of, metals, metal oxides [and/or] metal carbonates, [and/] metal sulphides [or] and mixtures of these combustion moderators[, the metals used preferably being boron, silicon, copper, iron, titanium, zinc or molybdenum].

14. (Amended) Gas-producing [agent] composition according to claim 1, [characterised in that it] wherein said gas-producing composition [contains as addition substance:] further comprises an addition substance selected from the group consisting of combustion moderators, noble metals [such as palladium, ruthenium, rhenium, platinum or rhodium or oxides of the noble metals], [and] mixtures of these compounds, [or] basically reacting substances [such as, for example,] selected from the group consisting of oxides, hydroxides, [or] carbonates of alkali and alkaline earth metals, [of] zinc, [as well as] mixtures of these compounds, [or] urea, guanidine [and derivatives thereof,] compounds having NH_2 groups [such as, for example,] selected from the group consisting of amidosulphonic acids, amido complexes, amides, and mixtures of these compounds.

16. (Amended) Gas-producing [agent] composition composition for gas generators, comprising nitrogen-containing

compounds, [characterised in that it contains:] wherein said gas-producing composition comprises,

a) as nitrogen-containing compound [(fuel)], a combination of aminotetrazole and [the salts, preferably the] calcium, magnesium or zinc salts[,] of aminotetrazole, [preferably a combination of 5-aminotetrazole and the corresponding salts of 5- aminotetrazole];

b) as oxidant, at least three compounds selected from the group consisting of peroxides, nitrates, chlorates [or] and perchlorates[, preferably sodium nitrate and potassium Perchlorate]; and

c) combustion moderators which are capable of influencing [the] combustion and its rate by heterogeneous or homogeneous catalysis[, preferably] selected from the group consisting of zinc oxide and [the] carbonates of zinc and calcium.

Please add the following claims to the application.

--26. The gas-producing composition according to claim 1, further comprising additions which are capable of reducing the proportion of toxic gases.

27. The gas-producing composition according to claim 7, wherein said at least one nitrate is sodium nitrate or strontium nitrate.

28. The gas-producing composition according to claim 11, wherein the metals are selected from the group consisting of boron, silicon, copper, iron, titanium, zinc and molybdenum.